AMENI	MENT T	RANSMI	TTAL L	ETTER	Docket No. M4065.0014/P014 B
Application No.		Filing Date			Art Unit
09/940,791		August 29, 2001 K. Rose		2822	
Applicant(s): Larry	D. Kinsman				
Invention: LOW PROFILE BALL GRID ARRAY PACKAGE					
TO THE COMMISSIONER FOR PATENTS					
Transmitted herewith is an amendment in the above-identified application.  The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
Claims Highest					
i	Remaining After	Number Previously Paid	Extra Claims Present	Rate	
Total Claims	Amendment 6	- 20 =	riesent	X	0.00
Independent Claims	2	- 3 =		×	0.00
Multiple Dependent Claims (check if applicable)					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00
x Large Entity Small Entity					
x No additional fee is required for this amendment.					
Please charge Deposit Account No in the amount of \$ · A duplicate copy of this sheet is enclosed.					
A check in the amount of \$ to cover the filing fee is enclosed.					
Payment by credit card. Form PTO-2038 is attached.					
The Commissioner is hereby authorized to charge and credit Deposit Account No04-1073 as described below. A duplicate copy of this sheet is enclosed.					
x Credit any overpayment.					
X Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
Dated:					July 3, 2002
Thomas J. D'A Attorney Reg. I					
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP					TEC
2101 L Street NW Washington, DC 20037-1526					HX —
(202) 828-2232					OLOG JUL REI
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					/ED 2002 NTER:



Docket No.: M4065.0014/P014-B

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Larry D. Kinsman

Application No.: 09/940,791

Filed: August 29, 2001

For: LOW PROFILE BALL GRID ARRAY

**PACKAGE** 

Group Art Unit: 2822

Examiner: K. Rose

**AMENDMENT** 

Box Non-Fee Amendment Commissioner for Patents Washington, DC 20231

Dear Sir:

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GO2, rejecting

This paper is responsive to the Office Action dated April 5, 2002, rejecting claims 39-44, Applicant amends the above-captioned application as follows:

## IN THE CLAIMS:

Please replace claims 39 and 42 with amended claims 39 and 42.

39. (amended) A processor system comprising:

a central processing unit; and

a memory device connected to said central processing unit, said memory device comprised of a plurality of low profile ball grid array semiconductor packages, said low profile ball grid array semiconductor packages comprised of a base substrate having a top surface and a bottom surface, with an aperture therein which extends from said top surface to said bottom surface,

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